NODECTION :==	FREQUENCY				AL INSPECTION SERVIC	FREQUENCY	QDECIEIOATION	0005	
INSPECTION ITEM REQUIRED	CONTINUOUS PERIODIC	SPECIFICATION SECTION	CODE REFENCE	REMARKS	INSPECTION ITEM REQUIRED	CONTINUOUS PERIODIC	SPECIFICATION SECTION	CODE REFENCE	REMARKS
INSPECT SURFACE PREPARATION OF MEMBERS INSPECT APPLICATION CONDITIONS AND APPLIED THICKNESS TEST DENSITY & BONDING	•		IBC TABLE 1704.10		SOIL & EARTHWORK OBSERVE PROOF-ROLLING OF SUBGRADE PRIOR TO BEGINNING FILL PLACEMENT OBSERVE PLACEMENT AND COMPACTION OF FILL AND	•	31 23 00	IBC 1704.7	
STRENGTH & THICKNESS AT 10% OF ALL BEAMS, COLUMNS, & BRACES	•				BACKFILL MATERIAL TESTING AND EVALUATION OF IN- PLACE DENSITY OF COMPACTED FILL AS WORK PROGRESSES	•	_		
COLD-FORMED STEEL FRAMING OBSERVE & VERIFY USE OF CORRECT MEMBER SIZES, MATERIAL THICKNESS, FASTENERS, & WELDING	•	09 21 27			OBSERVE, TEST AS NEEDED, AND APPROVE FOOTING BEARING PRIOR TO PLACING OF REINFORCING STEEL AND CONCRETE	•			
GENERAL STRUCTURAL OBSERVATIONS CONDUCT WEEKLY VISUAL OBSERVATION OF THE STRUCTURAL SYSTEMS FOR GENERAL CONFORMANCE TO THE	•	01 45 23			CONCRETE & REINFORCING STEEL OBSERVE PLACEMENT OF REINFORCING STEEL PRIOR TO THE CLOSING OF THE FORMS AND ARRIVAL OF CONCRETE ONSITE	•	03 20 00	IBC 1704.4	
CONSTRUCTION DOCUMENTS. PREPARE WEEKLY REPORT OF OBSERVATIONS DESCRIBING WORK PROGRESS AND NON- CONFORMING ITEMS.					OBSERVE WELDING OF STEEL REINFORCEMENT, IF ANY VERIFY CORRECT MATERIAL USED, INCLUDING THE USE OF A706 IN WELDED	•		AWS D1.4;ACI 318-3.5.2; & IBC 1903.5.2	
PROPORTIONS OF MORTAR AND GROUT.	•	04 22 00			SPLICES, IF ANY OBSERVE & VERIFY PLACEMENT OF EMBEDDED BOLTS & RODS PRIOR TO CONCRETE PLACEMENT	•	_	IBC 1704.4	
CONSTRUCTION OF MORTAR JOINTS.	•	04 22 00			VERIFY USE OF CORRECT CONCRETE MIX DESIGN AND REVIEW DELIVERY TICKETS	•	03 31 00		
LOCATION AND GRADE OF REINFORCEMENT AND CONNECTORS.	•	04 22 00			SAMPLE FRESH CONCRETE AND MEASURE SLUMP, AIR CONTENT, AND TEMPERATURE DURING CONCRETE DELIVERY	•	03 08 13	IBC 1704.4	ADDITIONAL CYLINDERS SHALL BE MADE AS NEEDED FOR
TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION.	•	04 22 00 04 22 00			TAKE CONCRETE SPECIMENS FOR STRENGTH TESTS TO BE PERFORMED IN LAB. A MINIMUM OF FIVE (5) CYLINDERS SHALL BE MADE. TEST TWO AT SEVEN DAYS AND TWO AT 28 DAYS. THE 5TH CYLINDER SHALL BE TESTED AT 28 DAYS IF ONE OR BOTH OF THE 28-DAY CYLINDER RESULTS ARE BELOW	•			EARLY FORM REMOVAL. NOTE: TWO CYLINDERS ARE REQUIRED FOR AN ACCEPTABLE TEST. A SINGLE CYLINDER BREAK IS UNACCEPTABLE
SPECIFIED SIZE GRADE AND TYP. OF REINFORCEMENT	•	04 22 00			REQUIRED STRENGTH.				FOR STRENGTH EVALUATION PURPOSES
PROTECTION OF MASONRY DURING COLD WEATHER.	•				PERFORM CONCRETE STRENGTH TESTING IN LAB MAINTAIN A SPREADSHEET SHOWING DATE, SEQUENTIAL ORDER OF STRENGTH TEST RESULTS AND INDICATE RUNNING	•	03 08 13	ACI 318 PAR. 5.6.3.3	
INSPECTION OF GROUT SPACE AND CONCRETE FILL (GROUT) PLACEMENT. PREPARATION OF CONCRETE FILL	•	04 22 00			OBSERVE FOR PROPER CONCRETE PLACEMENT OBSERVE FOR PROPER CURING	•	03 31 10	ACI 318 PAR. 5.9 & 5.10 ACI 318 PAR.	
(GROUT) AND MORTAR SPECIMENS.	•				TEMPERATURE AND TECHNIQUES VERIFY THAT THE NECESSARY DESIGN STRENGTH HAS BEEN REACHED PRIOR TO	•	_	5.11, 5.12, & 5.13	
COMPLIANCE WITH REQUIRED INSPECTION PROVISIONS CONTRCT DOCUMENTS AND THE APPROVED SUBMITTALS SHALL BE VERIFIED	•	04 22 00			THE REMOVAL OF FORMS MEASURE FLOOR FLATNESS AND LEVELNESS AS NEEDED WHEN	•	03 35 00		
					QUESTIONABLE SURFACES ARE OBSERVED STRUCTURAL STEEL				
					VERIFY FABRICATOR CERTIFICATION	•	05 12 10	IBC 1704.2	
					HOLD PRE-CONSTRUCTION MEETINGS BETWEEN THE ENGINEER OF RECORD, THE FABRICATOR'S AND ERECTOR'S QUALITY CONTROL PERSONNEL, AND THE QUALITY ASSURANCE AGENCY TO PLAN AND DISCUSS THE PROJECT, FABRICATION PROCEDURES, ERECTION PROCEDURES, AND INSPECTION PROCEDURES.		05 12 10		FEMA-353 RECOMMENDATION
					INSPECT FABRICATION SHOP TO OBSERVE FABRICATION PROCEDURES	•	05 12 10		ONLY ONE INSPECTION IS REQUIRED UNLESS ON-SITE EVENTS INDICATE FURTHER INSPECTIONS ARE NECESSARY
					VERIFY CORRECT STRUCTURAL STEEL MATERIAL DELIVERED TO JOB SITE.	•	05 12 10	IBC 1708.4	
					VERIFY JOINT WELD PROCEDURES ARE BEING USED IN ACCORDANCE WITH AWS	•	05 12 10	AWS D1.1	
					VERIFY CONTRACTOR'S RECEIPT OF WELDER CERTIFICATIONS VERIFY CORRECT FILLER MATERIAL USED IN WELDS	•	05 12 10	AISC LFRD A3.5	
					VISUALLY INSPECT ALL WELDS	•		AWS D1.1 & AWS	
					PERFORM ULTRASONIC OR MAGNETIC PARTICLE TESTING ON ALL FULL PENETRATION WELDS	•	_		
					OBSERVE & PERFORM ULTRASONIC OR MAGNETIC PARTICLE TESTING ON ALL WELDS (INCLUDING FULL & PARTIAL PENETRATION AND FILLET) ON CONNECTIONS WITHIN THE LATERAL FORCE RESISTING SYSTEM, BRACES & RIGID FRAMES	•			
					PERFORM LIQUID DYE PENETRATION TESTING ON 20% OF ALL PARTIAL PENETRATION AND FILLET WELDS	•	_		
					INSPECT STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED CONTRACT DOCUMENTS	•		IBC 1704.3.2	
					VERIFY CORRECT MATERIAL USED HIGH- STRENGTH BOLTS, NUTS, AND WASHERS	•		AISC LRFD A3.3	
					OBSERVE & CHECK TIGHTNESS OF ALL BOLTS IN BEARING CONNECTIONS	•	_	IBC 1704.3.3; AISC LFRD M2.5	
					OBSERVE & CHECK TORQUE OF ALL BOLTS IN PRETENSIONED CONNECTIONS	•	_	IBC 1704.3.3; AISC LFRD M2.5	
					OBSERVE AND TEST ALL FIELD APPLIED HEADED STUDS	•			

STATEMENT OF SPECIAL INSPECTIONS

PROJECT NAME	VA CARES CONSOLIDATION VAMC, RESEARCH OFFICE BUILDING				
PROJECT LOCATION	PITTSBURGH, PA.				
BUILDING OWNER OR OWNER'S AGENT	OFFICE OF FACILITIES MANAGEMENT DEPT. OF VETERANS AFFAIRS				
ARCHITECT OF RECORD (AR)		LICENSE: NY 029667-1			
	COMPANY: ASTORINO				
STRUCTURAL ENGINEER OF RECORD (SER)	NAME: MICHAEL G. PACZAK, P.E.	LICENSE: PA 073079			
of filedoffib (oldf)	COMPANY: HDR ARCHITECTURE, INC.				
GEOTECHNICAL ENGINEER OF RECORD (GER)	NAME:	LICENSE:			
C. 1.2001.2 (G.2.1)	COMPANY:				
SPECIAL INSPECTIONS ENGINEER OF RECORD (SIER)	NAME:				
C	COMPANY:				
GENERAL CONTRACTOR	NAME:				
REPRESENTATIVE	NAME:				

THIS STATEMENT OF SPECIAL INSPECTIONS IS PREPARED IN ACCORDANCE WITH SECTION 1705 OF THE 2006 INTERNATIONAL BUILDING CODE (IBC). IT INCLUDES A SCHEDULE OF SPECIAL INSPECTIONS APPLICABLE TO THIS PROJECT.

THE SPECIAL INSPECTIONS ENGINEER OF RECORD SHALL KEEP RECORDS OF SPECIFIED SPECIAL INSPECTIONS AND TESTING AND SHALL FURNISH COPIES OF INSPECTION AND TESTING REPORTS TO BNL'S CONSTRUCTION REPRESENTATIVE AND TO THE APPROPRIATE DESIGN PROFESSIONALS OF RECORD UPON REQUEST. DETAILED SUMMARIES OF ALL SPECIAL INSPECTION ACTIVITIES, FINDINGS, DEFICIENCIES, AND DISCREPANCIES SHALL BE FURNISHED TO THE VA'S CONSTRUCTION REPRESENTATIVE AND TO THE APPROPRIATE DESIGN PROFESSIONALS OF RECORD AT INTERVALS NOT EXCEEDING 1 MONTH.

DISCREPANCIES FROM THE APPROVED PLANS, SPECIFICATIONS, SHOP DRAWINGS, OR DESIGN DIRECTIVES AND CODE VIOLATIONS OBSERVED DURING THE CONDUCT OF SPECIAL INSPECTIONS SERVICES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, TO THE ATTENTION OF THE VA'S CONSTRUCTION REPRESENTATIVE, AND TO THE APPROPRIATE DESIGN PROFESSIONAL OF RECORD.

A FINAL REPORT OF SPECIAL INSPECTIONS DOCUMENTING COMPLETION OF THE SPECIFIED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES, DEFICIENCIES, AND CODE VIOLATIONS SHALL BE SUBMITTED AND APPROVED BY THE VA'S AND THE DESIGN PROFESSIONALS OF RECORD PRIOR TO FINAL

PREPARED BY:	NAME: JUDY COSBY, P.E.				
	SIGNATURE:	DATE:			
USACE:	NAME:				
	SIGNATURE:	DATE:			

TESTING AND INSPECTION SERVICES

QUALIFIED SPECIAL INSPECTORS SHALL BE EMPLOYED PER THE PROVISIONS OF THE CONSTRUCTION CONTRACT TO PERFORM INSPECTIONS IN ACCORDANCE WITH THE BUILDING CODE. INSPECTORS SHALL PERFORM ALL DUTIES AND RESPONSIBILITIES AS REQUIRED BY THE BUILDING CODE

THE SCHEDULE CONTAINS A LIST OF SPECIAL INSPECTION ACTIVITIES RELATED TO THE QUALITY ASSURANCE PLAN REQUIRED BY THE BUILDING CODE (IBC CHAPTER 17) FOR THE FABRICATION, ERECTION AND CONSTRUCTION OF THE STRUCTURAL SYSTEMS AS GIVEN IN THE SPECIFICATIONS AND DRAWINGS OF THE PROJECT. ALL INSPECTORS SHALL BE QUALIFIED BY TRAINING AND EXPERIENCE FOR THE REQUIRED INSPECTIONS AND TEST PROCEDURES. REFER TO IBC CHAPTER 17 "STRUCTURAL TESTS AND SPECIAL INSPECTIONS", FOR SPECIFIC TEST PROCEDURES.

TESTING AND INSPECTION REPORTS SHALL BE PREPARED FOR EACH INSPECTION ITEM ON A DAILY BASIS WHENEVER WORK IS PERFORMED ON THAT ITEM. REPORTS SHALL BE DISTRIBUTED TO THE VA'S CONTRACTOR, BUILDING OFFICIAL (IF REQUESTED), AND ARCHITECT FOR THEIR REVIEW, COMMENT, AND ACTION,

AISC CERTIFICATION IS NOT CONSIDERED TO BE FABRICATOR APPROVAL PER SECTION 1704.2.2 UNLESS SPECIFICALLY APPROVED BY IN LIEU OF, OR UNTIL SUCH APPROVAL IS GRANTED, SPECIAL INSPECTION PROVISIONS FOR STRUCTURAL STEEL SHALL BE CONSIDERED TO BE APPLICABLE TO THOSE COMPONENTS FABRICATED AND/OR ASSEMBLED IN THE FABRICATION SHOP.

> FOR CONSTRUCTION FULLY SPRINKLERED

	CONSULTANTS:		ARCHITECT/ENGINEERS:	Drawing Title SPECIAL INSPECTIONS			Project Number 646CA2500R	055	
			ARCHITECTURE FNGINFFRING A CTC TO IN I	INFORMATION	VAMC, PITTSBURGH, PA, RESEARCH OFFICE BLDG.			Building Number 30	Offic Facili
			INTERIOR DESIGN ASTORINO DESIGN/BUILD	Approved: Project Director	Location VAPHS UNIVERSITY DRIVE			Drawing Number SS0-102	Manag
	HDR Architecture, Inc.		227 Fort Pitt Boulevard Pittsburgh Pennsylvania 15222 TEL 412 765 1700 FAX 412 765 1711 www astorino.com		Date	Checked	Drawn	1	Depa Vete
Revisions:	Date 1101 King Street Suite 400 Alexandria, Virginia 22314-2944 703.518.8500				08-18-2010	JHC	RAW	Dwg. of	Vete

one quar